

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) An analytical test system comprising a molecular switch comprising a probe and a catalytic component, wherein the catalytic component is inhibited when the molecular switch is bound to an analyte.
2. (Previously presented) The system as claimed in claim 1, wherein the probe is conjugated to the catalytic component either directly or by way of a coupling component.
- 3-4. (Cancelled)
5. (Previously Presented) The system as claimed in claim 1, wherein the probe or a constituent thereof is a nucleic acid or a nucleic acid derivative.
6. (Previously Presented) The system as claimed in claim 5, wherein the nucleic acid is a ribonucleic acid, a deoxyribonucleic acid, a peptide nucleic acid, or a locked nucleic acid.
7. (Previously Presented) The system as claimed in claim 5, wherein the nucleic acid or the nucleic acid derivative is present in hybridized form.
8. (Previously Presented) The system as claimed in claim 1, wherein the probe or a constituent thereof is an oligonucleotide.
9. (Cancelled)

10. (Previously Presented) The system as claimed in claim 1, wherein the catalytic component or a constituent thereof is an enzyme, an antibody, a catalytically active nucleic acid, or a catalytically active nucleic acid derivative.
11. (Previously Presented) The system as claimed in claim 10, wherein the catalytically active nucleic acid or the catalytically active nucleic acid derivative is a ribonucleic acid, a deoxyribonucleic acid, a peptide nucleic acid, or a locked nucleic acid.
12. (Previously Presented) The system as claimed in claim 10, wherein the catalytic component or a constituent thereof is an enzyme.
13. (Withdrawn) A method for determining the presence or concentration of an analyte in a sample, comprising contacting a molecular switch with a sample and measuring the activity of the molecular switch to thereby determine the presence or concentration of the analyte.
- 14-15. (Cancelled)
16. (Withdrawn) The method of claim 13, wherein the analyte is a nucleic acid or a nucleic acid derivative.
17. (Currently Amended) A molecular switch comprising a probe and a catalytic component, wherein the catalytic component is inhibited when the molecular switch is bound to an analyte.
18. (New) The molecular switch of claim 17, wherein the probe nucleic acid comprises a nucleic acid having the sequence of SEQ ID NO: 1, SEQ ID NO: 2, SEQ ID NO: 3, SEQ ID NO: 4, SEQ ID NO: 5, SEQ ID NO: 6, or SEQ ID NO: 7.

19. (New) The molecular switch of claim 18, wherein the catalytic component is chosen from glucose 6-phosphate dehydrogenase, a diaphorase, hexokinase, and galactose oxidase.